

**FORM EIA-860B**  
**ANNUAL ELECTRIC GENERATOR REPORT- NONUTILITY**  
**1998**

**GENERAL INFORMATION**

**I. PURPOSE**

Form EIA-860B is mandatory under Public Law 93-275, the Federal Energy Administration Act of 1974. The Energy Information Administration (EIA) requires this information from nonutility power producers (cogenerators, small power producers, and other nonutility generators) in the United States. The data will augment EIA's data on electric power production and consumption. See confidentiality provisions in Section VI.

The data from this form are used to collect data on the installed capacity, energy consumption, generation, and electric energy sales to electric utilities and other nonutilities by facility. The data provide input for various EIA models and EIA publications including the Electric Power Annual Volume II.

**II. WHO MUST SUBMIT**

Form EIA-860B is required from all existing and planned facilities which have or will have a facility nameplate rating of 1 megawatt (1000 kW) or more (a facility nameplate rating is the sum of the ratings from the generators located at the facility). This includes, but is not limited to:

(1) all facilities that have obtained status as a Qualifying Facility (QF) under the Public Utilities Regulatory Policies Act (PURPA) or as an Exempt Wholesale Generator (EWG) under the Energy Policy Act (EPACT) with the Federal Energy Regulatory Commission (FERC) and/or (2) which consume all of their generation at the facility.

A planned generator is defined as a proposal by a company to install electric generating equipment at an existing or planned facility. A planned generator, for reporting purposes, is based on the facility having obtained one or more of the following: (1) all environmental and regulatory approvals, (2) a signed contract for the electric energy, (3) financial closure for the facility, or (4) facility equipment has been ordered. Generators run solely for emergency purposes or at temporary sites (e.g., logging camps, offshore oil rigs, or on ships) are excluded for the purpose of this survey.

Only one form should be completed for each facility. The owner, operator, or a designee may complete the form. However, the owner is responsible for ensuring that the form is completed and returned to the EIA. If you own more than one facility, you must ensure a complete report for each facility. If you are a joint owner, you should coordinate with the other owners to decide who has the responsibility for submitting the form to the EIA.

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If you receive more than one form for the same facility, please provide written notification of the duplicate facility, sign Schedule I, and return the blank form to the EIA.

### III. WHAT AND WHERE TO SUBMIT

Furnish data for the nonutility as it existed at the end of the calendar year (the calendar year is defined as January 1 through December 31).

Mail the completed, signed original of the Form EIA-860B in the enclosed postage-paid envelope to the EIA at:

U.S. Department of Energy  
Energy Information Administration, EI-53  
Mail Stop: BG-076 (EIA-860B)  
1000 Independence Avenue, S.W.  
Washington, D.C. 20077-5651

Remember to retain one copy of the form for your records. For assistance in completing the form or questions, contact the **HELP CENTER**: Voice phone (202) 426-0235 or Fax telephone (202) 426-1850. For additional information write to the above address or call:

Ms. Betty L. Williams voice telephone (202) 426-1269; E-Mail: [bettywilliams@eia.doe.gov](mailto:bettywilliams@eia.doe.gov)

### IV. WHEN TO SUBMIT

Submit the completed form no later than April 30, following the close of the reporting year.

### V. SANCTIONS AND CONFIDENTIALITY STATEMENTS

The timely submission of Form EIA-860B by those required to report is mandatory under Section 13(b) of the Federal Energy Administration Act of 1974 (FEAA) Public Law 93-275), as amended. **Failure to respond may result in a civil penalty of not more than \$2,500 for each violation, or a fine of not more than \$5,000 for each willful violation.** The government may bring a civil action to prohibit reporting violations which may result in a temporary restraining order or a preliminary or permanent injunction without bond. In such civil action, the court may also issue mandatory injunctions commanding any person to comply with these reporting requirements.

### VI. PROVISIONS REGARDING CONFIDENTIALITY OF INFORMATION

The Office of Legal Counsel of the Department of Justice concluded on March 20, 1991, that the Federal Energy Administration Act requires the Energy Information Administration to provide company-specific data to the Department of Justice, or to any other Federal agency when requested for official use, which may include enforcement of Federal law. The information contained on this form may also be made available, upon request, to another component of the Department of Energy (DOE), to any Committee of Congress, the

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General Accounting Office, or other Congressional agencies authorized by law to receive such information. A court of competent jurisdiction may obtain this information in response to an order.

**The information contained on this form relating to sales to other end-users (Schedule IV(B) and information on retired or planned units (Schedule IV through Schedule VI) will be kept confidential** and not disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), 5 U.S.C. 552, the DOE regulations, 10 C.F.R. 1004.11, implementing the FOIA, and the Trade Secrets Act, 18, U.S.C. 1905.

Upon receipt of a request for this information under the FOIA, the DOE shall make a final determination whether the information is exempt from disclosure in accordance with the procedures and criteria provided in the regulations. To assist us in this determination, respondents should demonstrate to the DOE that, for example, their information contains trade secrets or commercial or financial information whose release would be likely to cause substantial harm to their company's competitive position. A letter accompanying the submission that explains (on an element-by-element basis) the reasons why the information would be likely to cause the respondent substantial competitive harm if released to the public would aid in this determination. A new justification does not need to be provided each time information is submitted on the form, if the company has previously submitted a justification for that information and the justification has not changed.

**The data reported on the Form EIA-860B not specifically stated in this section as confidential are not considered to be confidential.**

### GENERAL INSTRUCTIONS

1. Verify all preprinted information; if incorrect, draw a line through the incorrect entry and provide the correct information. Provide any other missing information. Allow the original entry to remain readable.
2. For a planned facility or a planned generator, use planning data to complete the form.
3. Quantitative data should be reported to the nearest whole number, except where explicitly instructed to report otherwise.
4. Provide information for the nonutility facility as it existed at the beginning of the reporting calendar year.
5. Information provided should be actual data to the extent available. Good faith estimates should be provided when actual data are not available.

**SPECIFIC INSTRUCTIONS**

**SCHEDULE I - IDENTIFICATION AND CERTIFICATION**

1. The facility code is a number assigned by the EIA for internal tracking purposes. **Please do not change this code.**
2. Enter the name of the facility.
3. Enter the facility address, including the street address, city, State, and zip code where the facility is now or will be physically located.
4. Enter the full legal business name of the preparing company of this form.
5. Enter the mailing address of the principal place of business of the preparer, including the street address, city, State, and zip code.
6. Enter the name, title, and telephone number of the person to contact for information regarding this Form EIA-860B.
7. Enter the name and title of the person certifying all information contained on the Form EIA-860B is accurate.

**SCHEDULE II - FACILITY INFORMATION**

1. Enter the full legal name of the facility owner.
2. Enter the address of the principal place of business of the facility owner, including the street address, city, State, and zip code.
3. Enter the full legal name of the facility operator if different than the facility owner name.
4. Enter the address of the principal place of business of the facility operator, including the street address, city, State, and zip code if different than the owner address.
5. Please indicate whether **you have been granted status as a “Qualifying Facility (QF)”** under the Public Utilities Regulatory Policies Act (PURPA) with the Federal Energy Regulatory Commission (FERC) for this facility. If your answer is in the affirmative, please provide the Qualifying Facility Docket Number(s) applicable to this facility. If your answer is **“Unknown,”** further information will need to be obtained from you by the EIA.
- 5a. Enter the QF Docket Number(s) which relates to this facility. The QF number will have been provided by FERC and will be in the following form(s); QF 97-083-000, QF 97-0831-000.

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6. Please indicate whether **you have been granted status as an “Exempt Wholesale Generator (EWG)”** under the Energy Policy Act of 1992 (EPACT) with the Federal Energy Regulatory Commission (FERC) for this facility. If your answer is in the affirmative, please provide the Exempt Wholesale Generator Docket Number(s) applicable to this facility. If your answer is **“Unknown,”** further information will need to be obtained from you by the EIA.
- 6a. Enter the EWG Docket Number(s) which relates to this facility. The EWG number will have been provided by FERC and will be in the following form(s); EG 97-083-000, EG 97-0831-000.
7. Enter the name of the electric utility to whose service area the facility is located or will be located. If not electrically connected to the utility, write “not connected” after the utility name.
8. Enter the total nameplate ratings of all generators located at the facility, including operating, stand-by, and planned generators, as well as generators that have been retired or canceled during the reporting year. The generator nameplate rating is located on the manufacturer’s nameplate, which is attached to the generator. If there is more than one rating, use the highest rating. If the rating is in kilovolt amperes (kva), multiply by the highest power factor on the generator. Do not report actual capabilities, contract capacities, or turbine nameplates.
9. Please indicate if the facility was sold during the reporting year. If the answer is **YES**, complete Items 9a, 9b, and 9c.
  - 9a. Enter the date settlement occurred on the sale of this facility.
  - 9b. Please indicate if the facility was sold to a utility.
  - 9c. Enter the full legal business name and address of the principal place of business of the entity to whom this facility was sold. Include the street address, city, State, and zip code. Provide the full name and telephone number of the contact person at the entity to whom this facility was sold.

## SCHEDULE III - NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM

### Column A

1. Check in column A one North American Industry Classification System (NAICS) code that best describes the primary purpose of the facility. If the primary or only purpose of the facility is to provide electric energy to electric utilities and/or electric energy or thermal energy to a business other than its own, the facility is classified as NAICS code 22. This NAICS code is defined as:  
“...establishments engaged in the generation, transmission, and/or distribution of electricity, gas or steam. Such establishments may be combinations of any of the above three services and also include other types of services, such as transportation, communications, and refrigeration. Water and irrigation systems, and sanitary systems engaged in the collection and disposal of garbage, sewage, and other wastes by means of destroying or processing materials, are also included.”

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### Column B

1. Column B is to be completed **ONLY** by facilities that checked NAICS code 22 in Column A. If the facility designated NAICS 22 because the facility provides electric and/or thermal energy to a business other than its own (and other than an electric utility) check in Column B the NAICS code of that business. If the facility provides more than one business with the electric/thermal energy, check the NAICS code of the business receiving the largest share of the energy. If you are unsure of the NAICS classification of the facility, please provide a brief description of the business of the facility in the NOTES page.

### SCHEDULE IVA - FACILITY FUEL AND USEFUL THERMAL INFORMATION

1. Enter the total quantity of all combustible fuels burned during the year.

Enter the weighted average heat content of the fuels burned in Million Btus. The heat content of the fuel should be reported as the gross or higher heat content (rather than the net or lower heat content). The higher heat content exceeds the lower by the energy needed to evaporate the water in the fuel.

The heat content generally used and reported in a fuel analysis, unless otherwise specified, is the higher heat content.

If natural gas is only available in therms, calculate the quantity burned (in millions of cubic feet) by dividing the therms by the heat content of the natural gas (million Btu/thousand cubic feet), and then dividing the result by 10,000. If the heat content is unknown, assume the value is 1.03 million Btu/thousand cubic feet.

2. Enter the primary fuel of the facility.
3. If the system is a bottoming cycle system, check the box and go to **Schedule IVB**. If not, proceed to items 3a and 3b.
- 3a. Enter the estimated useful thermal energy produced in association with electric power production and used for any purpose other than the generation of electric power (i.e., direct heating, process steam, space heating or cooling). If an amount is entered, there must be an entry for item 3b.
- 3b. Check all applications of the thermal energy that apply.

### SCHEDULE IVB - FACILITY GENERATION INFORMATION

- 1a. Complete this item if your facility sold electricity to an electric utility and/or a power marketer during the reporting year. Enter the names of all utilities and/or power marketers to which electricity was delivered. Enter the maximum contract capacity (kilowatts) if applicable and the total electricity sold (delivered) in kilowatthours to each utility and/or power marketer. This total should equal the amount reported for **Item 2d**.

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- 1b. Complete this item if your facility sold electricity to any other end user during the reporting year. Enter the names of all end users to which electricity was delivered. Enter the maximum contract capacity (kilowatts) if applicable and the total electricity sold (delivered) in kilowatthours to each end user. This total should equal the amount reported for **Item 2e**.
2. If your facility generated electricity during the reporting year enter the total kilowatthours generated, purchased, sold to electric utilities and/or power marketers or other end users, and used at the facility in Items 2a-2f.

**Note: For all kilowatthours to be accounted for, generated + received = delivered + used.  
That is  $a + b + c = d + e + f$ .**

- 2a. Enter the total amount of electric power generated at the facility (gross). The data provided should equal the sum of all **Schedule VI, Item 9**.
- 2b. Enter the total amount of electric power purchased from utilities and/or power marketers.
- 2c. Enter the total amount of electric power purchased from other nonutility power producers.
- 2d. Enter the total amount of electricity sold for resale (this should be equal to the sum of electricity delivered as reported in Item 1a).
- 2e. Enter the total amount of electric power sold to other end users (this should be equal to the sum of electricity delivered as reported in Item 1b). **Other end-user is defined as sale of electricity to direct consumers not to be resold to another end-user.**
- 2f. Enter the total amount of electric power used at the facility (this should include all parasitic loads and losses).

## **SCHEDULE V - FACILITY ENVIRONMENTAL INFORMATION ONLY FOR A FACILITY 25 MEGAWATTS OR MORE**

1. Enter whether or not the generating facility has flue gas desulfurization (FGD) equipment or a flue gas particulate collector which also acts as FGD equipment.
2. Enter whether or not the generating facility has flue gas particulate collectors or flue gas desulfurization equipment which also acts as a flue gas particulate collector.
3. Enter whether or not the generating facility has equipment or processes used to reduce emissions of nitrogen oxides (Nox).
- 3a. If yes go to Item 3, check all processes and/or equipment that apply.

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4. Enter the weighted (by quantity) average annual sulfur and ash content for coal, heavy oil and light oil consumed during the reporting year, to the nearest 0.01 percent by weight.
- 4a. Enter the weighted (by quantity) average annual sulfur and ash content for all other combustible fuels. **Report other fuels with sulfur content greater than 0.01 percent by weight.**

## SCHEDULE VI - ELECTRIC GENERATOR INFORMATION

### SPECIAL INSTRUCTIONS:

**FOR WINDFARMS**, you do not have to complete a separate Schedule VI for each generator. Complete one Schedule VI combining all existing generators, and a second Schedule VI combining all planned generators. Enter all operating and operable generators, under **your generator ID** in Item 1 (generator identification), and the total generator nameplate rating for all existing generators in Item 2 (nameplate rating). Enter the date that the first existing generator produced electricity in Item 5. For planned generators, enter **your generator ID** in Item 1, and the total generator nameplate rating of all planned generators in Item 2. Enter the date the last planned generator would begin to produce electricity in Item 5. If you have indicated a change to your wind turbine generator nameplate rating, Schedule VI, Item 2, please indicate the reason(s) for this change on Schedule VII, "NOTES".

**FOR COMBINED CYCLE UNITS**, complete one Schedule VI for each gas turbine/internal combustion engine, and one Schedule VI for each steam turbine. Please remember to answer Item 7b.

**FOR ALL OTHER GENERATORS**, complete Schedule VI for each existing and planned generator. A separate Schedule VI is required for each generator. Make photocopies of Schedule VI as necessary.

1. Enter a generator or unit identification code to uniquely identify each generator at the facility. The code should have one to four characters. **Do not change pre-printed generator identification codes.**
2. Enter the generator nameplate rating located on the manufacturer's nameplate, which is attached to the generator. If there is more than one rating, use the highest rating. If the rating is in kilovolt amperes (kva), multiply by the highest power factor on the generator. Do not report actual capabilities, contract capacities, or turbine nameplates.
3. If the prime mover is wind turbine, enter the total number of turbines reflected in your generator nameplate rating (Schedule VI, Item 2).
4. Check the status that best describes the generator as of December 31st of the reporting year (only check one).

### Column A - Operational Units

**Operating** - In service and producing some electricity



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**Standby** - Available for service but not normally used (has little or no generation during the reporting year).

**Cold Standby** - Deactivated. Usually requires 3 to 6 months to reactivate.

**On Test** - New units whose construction is complete and are generating electricity for test purposes, but have not been declared fully operational.

**Maintenance/Repairs** - Units that have been taken off line for scheduled maintenance or for unscheduled repairs.

**Out of Service (All Year)** - Units that could not be used for the reporting year, but expected to be returned to service in the future.

**Indefinite Shutdown** - Units that have been shutdown indefinitely but which have not been removed from the facility.

**Retired** - Units no longer in service and not expected to be returned to service.

### Column B - Planned Units

**Under Construction** - Units for which site preparation has started.

**Not Under Construction** - Proposed units, for which site preparation has not started.

**Indefinitely Postponed** - Units for which planning or construction activities have been stopped, with no date for resuming activities determined.

**Canceled** - Units for which planning or construction activities have been stopped, with no intention of resuming activities.

- 4a. **Number of days during the reporting year the generator actually operated. If the generating unit generated electricity during any part of a day, this should be counted as one day of operation. If no record of actual days of operation is kept, a good faith estimate is acceptable.**
5. Enter the date (**month, year**) electricity was first generated or is planned to be generated, in the case of planned units.
- 5a. Enter the projected date of retirement for the generator. If date is not available, enter N/A.
6. Check only one generator type. **If a FERC Qualifying unit type is checked, there must be a FERC QF or EWG number on Schedule II, Items 5a or 6a, respectively. However, two types may be checked if they are both FERC Qualifying unit types.**

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- 7a. Check only one prime mover.
- 7b. Enter whether or not the prime mover is part of a combined cycle unit.
- 8. Check the energy source(s) that apply to each generator based upon the following:
  - a. The primary energy source actually used during the year
  - b. All energy sources that can be or will be used
  - c. Fuels consumed for start-up or flame stabilization

**The energy sources for fuels actually burned should be consistent with the consumption reported in Schedule IVA, Item 1.**

- 9. Enter the gross amount of electricity produced in kilowatthours during the reporting year. If you do not meter each generator, apportion the generation based on the fuel consumption, or use your best estimate to make the sum of the generation for the individual generators equal to the total gross generation reported in Schedule IVB, Item 2a.

## **SCHEDULE VII - NOTES**

**ANY ADDITIONAL INFORMATION WHICH YOU CONSIDER USEFUL IN UNDERSTANDING THE DATA YOU SUBMITTED SHOULD BE REPORTED ON SCHEDULE VII, THE "NOTES" PAGE**

Make reference to any facilities that do not currently file form EIA-860B but meet the definition of planned as stated on Page 1, "Who Must Submit."

Reference the Schedule Number, Page Number, and Item Number for each explanation.

Make additional copies of this page as necessary.